



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: FURUHATA )  
Serial No.: 09/459,305 )  
Filed: December 10, 1999 )  
For: SEMICONDUCTOR DEVICES, METHODS OF )  
MANUFACTURING SEMICONDUCTOR )  
DEVICES, CIRCUIT SUBSTRATES AND )  
ELECTRONIC DEVICES )

Group Art Unit: 2811

Examiner: Tran,

0015.0010  
#19 /C  
2/25/03  
Adm H  
RECEIVED  
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AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sirs:

Applicant filed a Notice of Appeal for the above-identified application. The Notice of Appeal was mailed to the Office by applicant on December 3, 2002 and was apparently entered by the Office on December 12, 2002. Applicant is filing this Amendment together with a Request for Continued Examination. Please enter and consider the following.

IN THE CLAIMS:

Please cancel claims 14, 26-29 and 31 without prejudice.

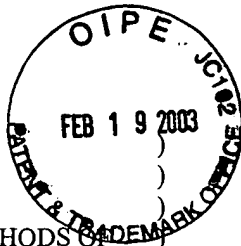
Please amend claims 13, 15-16, 30 and 33 as follows:

13. (twice amended) A semiconductor device comprising:  
tunnel insulating films, floating gates, dielectric films and control gates, all of which are laminated on first and second cell areas on a semiconductor substrate;  
sources and drains formed in the first and second cell areas at positions in contact with a common plane defined by a surface of the semiconductor substrate;  
a groove in the semiconductor substrate at a position between the first and second cell areas; and  
a connecting area extending under the groove within the semiconductor substrate, the connecting area being capable of electrically connecting one of the source and drain of the first

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Box RCE

COMMISSIONER OF PATENTS

Washington, D.C. 20231

Sir:

Transmitted herewith is an Amendment and a Request for Continued Examination (RCE) in the above-identified application.

Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a verified statement previously submitted.

A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.

No additional fee is required.

The fee has been calculated as shown below:

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO PREVIOUSLY PAID FOR		PRESENT EXTRA RATE	ADDIT. FEE	OR	RATE	ADDIT. FEE
TOTAL	15	MINUS	29	=	0	x	\$0	OR	x 18 \$0
INDEP CLAIMS *	5	MINUS	5	=	0	x	\$0	OR	x 84 \$0
FIRST PRESENTATION OF MULTIPLE DEP. CLAIM						+	\$	OR	+ 280 \$0
					TOTAL		\$0	OR	TOTAL \$0

Please charge Deposit Account No. 50-0585 the amount of \$\_\_\_\_\_ to cover the extension fee and also the amount of \$\_\_\_\_\_ to cover the claim fee. A duplicate copy of this sheet is enclosed.

A check in the amount of \$\_\_\_\_\_ to cover the extension fee is enclosed.

A check in the amount of \$\_\_\_\_\_ to cover the filing fee for additional claims is enclosed.

X A check in the amount of \$ 750 to cover the RCE fee is enclosed.

X This Amendment and RCE are being filed two months after entry of the Notice of Appeal, which was apparently entered by the Office on Dec. 12, 2003. It is believed that no fees other than the RCE fee are due. If a fee mistake has been made, then the Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. No. 50-0585. A duplicate of this sheet is enclosed.

X Any filing fees under 37 CFR 1.16 for the presentation of extra claims.

X Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

Dated: February 12, 2003

Alan S. Raynes

Registration No. 39,809

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**Certificate of Mailing**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Box RCE, Commissioner for Patents, Washington, D.C. 20231 on February 12, 2003.

  
Alan S. Raynes

2/12/03  
Date